

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A process for forming a nonaqueous drag reducing agent slurry comprising:

forming a polyalphaolefin;

cryogrinding the polyalphaolefin to form a cryoground polyalphaolefin; and

mixing the cryoground polyalphaolefin with at least one alfol alcohol.

2. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry of claim 1, wherein the at least one alfol alcohol is selected from the group consisting of 1-pentanol, 1-hexanol, 1-heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.

3. (Currently Amended): A process for forming a nonaqueous drag reducing agent slurry comprising:

contacting alpha olefin monomer with a catalyst in a reactant mixture;

polymerizing the alpha olefin monomers, wherein during the polymerization, at

least a portion of the alpha olefin monomers polymerize in the reactant mixture to provide a polyalphaolefin;

7 cryogrinding the polyalphaolefin to form a cryoground polyalphaolefin; and
8 mixing the cryoground polyalphaolefin with at least one alfol alcohol.

1 4. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 3, wherein the catalyst is a transition metal catalyst.

1 5. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 3, wherein the transition metal catalyst is a Ziegler-Natta catalyst.

1 6. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 3, wherein the Ziegler-Natta catalyst is titanium trichloride.

1 7. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 3, wherein the reactant mixture includes at least one co-catalyst.

1 8. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 7, wherein the at least one co-catalyst is selected from the group consisting of
3 alkylaluminoxanes, halohydrocarbons, diethylaluminum chloride, and dibutylaluminum
4 chloride.

1 9. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry of
2 claim 3, wherein the alpha olefin monomer includes at least one of 1-hexene, 1-octene, 1-decene,
3 1-dodecene, or mixtures thereof.

4
5 10. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry of
6 claim 3, wherein the alpha olefin monomer includes a combination of 1-hexene and 1-dodecene
7 alpha olefin monomers or a combination of 1-octene and 1-tetradodecene alpha olefin monomers.

1 11. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 3, wherein the polyalphaolefin is an ultra-high molecular weight polyalphaolefin having
3 an inherent viscosity of at least about 10 deciliters per gram and is amorphous with substantially
4 no crystalline particles.

1 12. (Canceled):

1 13. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry
2 of claim 3, wherein the at least one alfol alcohol is selected from the group consisting of 1-
3 pentanol, 1-hexanol, 1-heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.

1 14. (Currently Amended): A nonaqueous drag reducing agent slurry comprising a cryoground
2 polyalphaolefin and at least one alfol alcohol.

1 15. (Currently Amended): The nonaqueous drag reducing agent slurry of claim 14, wherein the
2 at least one alfol alcohol is selected from the group consisting of 1-pentanol, 1-hexanol, 1-
3 heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.

1 16. (Currently Amended): A nonaqueous drag reducing agent slurry comprising a cryoground
2 polyalphaolefin and at least one alfol alcohol formed by mixing the cryoground polyalphaolefin
3 with at least one alfol alcohol.

1 17. (Currently Amended): The nonaqueous drag reducing agent slurry of claim 16, wherein the
2 at least one alfol alcohol is selected from the group consisting of 1-pentanol, 1-hexanol, 1-
3 heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.

1 18. (Currently Amended): A nonaqueous drag reducing agent slurry comprising a cryoground
2 polyalphaolefin and at least one alfol alcohol formed by contacting alpha olefin monomers with a
3 catalyst in a reactant mixture;
4 polymerizing the alpha olefin monomers, wherein during the polymerization, at least a
5 portion of the alpha olefin monomers polymerize in the reactant mixture to provide a

polyalphaolefin;

cryogrinding the polyalphaolefin to form the cryoground polyalphaolefin; and

mixing the cryoground polyalphaolefin with at least one alfol alcohol.

19. (Currently Amended): The process for forming a nonaqueous drag reducing agent slurry of claim 18, wherein the at least one alfol alcohol is selected from the group consisting of 1-pentanol, 1-hexanol, 1-heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.

20. (Currently Amended): A process for reducing drag in a conduit, comprising:
forming a nonaqueous drag reducing agent slurry comprising a cryoground polyalphaolefin and at least one alfol alcohol; and
introducing the nonaqueous drag reducing agent slurry into the conduit.

21. (Currently Amended): The process reducing drag in a conduit ~~forming a drag reducing agent slurry~~ of claim 20, wherein the at least one alfol alcohol is selected from the group consisting of 1-pentanol, 1-hexanol, 1-heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.

22. (Currently Amended): A process for reducing drag in a conduit, comprising:
forming a drag reducing agent comprising a polyalphaolefin, wherein the drag reducing agent is formed by contacting alpha olefin monomers with a

4 catalyst in a reactant mixture;
5 polymerizing the alpha olefin monomers, wherein during the polymerization, at
6 least a portion of the alpha olefin monomers polymerize in the reactant
7 mixture to provide a polyalphaolefin;
8 cryogrinding the polyalphaolefin to form a cryoground polyalphaolefin;
9 mixing the cryoground polyalphaolefin with at least one alfol alcohol to form a
10 nonaqueous drag reducing agent slurry; and
11 introducing the nonaqueous drag reducing agent slurry into the conduit.

1 23. (Currently Amended): The process for reducing drag in a conduit ~~forming a drag reducing~~
2 ~~agent slurry~~ of claim 22, wherein the at least one alfol alcohol is selected from the group
3 consisting of 1-pentanol, 1-hexanol, 1-heptanol, n-octyl alcohol, n-nonyl alcohol and 1-decanol.